29. Abstract

The present invention comprises a modular telemedicine system with a universal adapter that connects diagnostic, identification and audiovisual communication function modules, at least one of which is present at the patient's location, to a variable process module that performs data transmission, processing and output. The connection of the system, which can be used anywhere, to a physician's receiving center facilitates the mobile telemedical treatment of patients.

Preferably, the system comprises a plurality of function modules for the recording of data. Simplified, basic operation of all function modules is made possible through a hard-wired connection between the function module and the universal adapter, and data can be transmitted to corresponding process modules wirelessly or hard-wired. Each function module can be used separately or in combination with the universal adapter and the process module.

The function module and universal adapter have a central processor for data processing and non-mechanical storage elements for data storage as well as control and signaling elements on the outside of the module for operation.